

## Living on Mars

## Smart Solutions

one week

- 1 List the things we would need to live on Mars for ~~one month!~~ <sup>one week</sup>
- 2 Problems with living on Mars include the cost, the distance from Earth, and the lack of water, air, warmth and food.
- 3 Think of some “smart” ways to solve these problems.

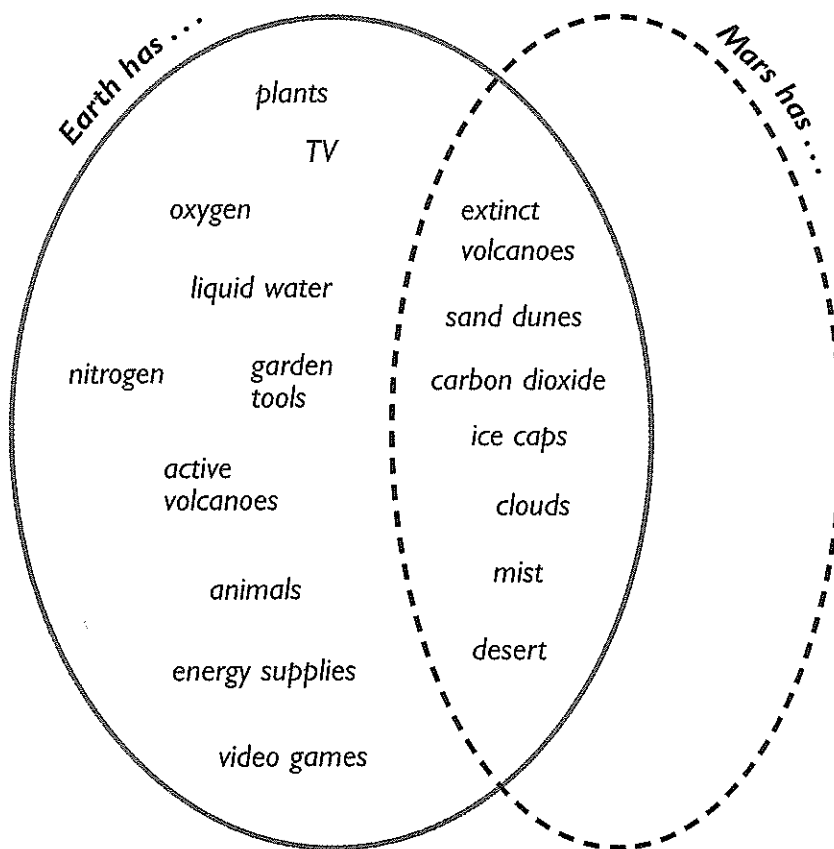
To travel to Mars we would need:

- \$500 billion
- a spacecraft for the people plus a spacecraft for their supplies.

To live for one week on Mars three people would need:

- water—how much?
- air with oxygen
- a food supply
- a source of energy

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What is missing on Mars that we need for survival?

**Some ideas to get you started:** Would you . . .

- use the spacecraft as your living quarters when you get there?
- send all the supplies you need in unmanned rockets before you leave for Mars?
- raise money by selling tickets to Mars at \$50 billion dollars per ticket?